

IN THE CLAIMS:

1. (Currently amended) A nutrient delivery device, ~~characterised~~ characterized by comprising:

a nutrient receiving chamber for receiving a nutrient source, the nutrient receiving chamber having an inlet at a first end for receiving water from a water supply and an outlet at a second opposing end; and

a filter, comprising an elongate tube member having perforations and being arranged within the nutrient receiving chamber such that the filter has a first open end adjacent the outlet end of the nutrient receiving chamber and a second end, having a cap portion with a solid surface, the cap portion being disposed in a direct path of water flowing from the inlet end into the nutrient receiving chamber;

wherein turbulence is created within the nutrient receiving chamber so as to at least partially dissolve the nutrient source and flows out of the outlet, and the filter prevents undissolved nutrient from flowing out of the outlet.

2. (Currently Amended) A nutrient delivery device according to claim 1, ~~characterised~~ characterized in that the inlet end has a valve assembly attached thereto, the valve assembly being in fluid communication with the inlet and the nutrient receiving chamber.

3. (Currently amended) A nutrient delivery device according to claim 2, ~~characterised~~ characterized in that the valve assembly is a valve adapted to prevent backflow of water from the nutrient receiving chamber to the water supply.

4. (Currently amended) A nutrient delivery device according to claim 2, ~~characterised~~ characterized in that the valve assembly is a vacuum breaker valve.

5. (Currently amended) A nutrient delivery device according to claim 2, ~~characterised~~ characterized in that the nutrient receiving chamber is a barrel portion, the barrel portion comprising an elongate conduit having the first open inlet end adjacent the valve assembly.

6. (Currently amended) A nutrient delivery device according to claim 1, ~~characterised~~ characterized in that the cap portion is conical in configuration, whereby an apex of the cone points towards the first open end of the nutrient receiving chamber.

7. (Currently amended) A nutrient delivery device according to claim 1, ~~characterised~~ characterized in that the surface area of the filter upon which the perforations are disposed is at least twenty times a surface area of a cross section of the second open outlet end of the nutrient receiving chamber.

8. (Currently amended) A nutrient delivery device according to claim 1, ~~characterised~~ characterized in that nutrient receiving chamber is connected to the valve assembly by a socket.

9. (Currently amended) A nutrient delivery device according to claim 8, ~~characterised~~ characterized in that the socket has a diameter smaller relative to a diameter of the nutrient receiving chamber to assist in creation of turbulence in the water flowing from the water supply to the nutrient receiving chamber.

10. (Currently amended) A nutrient delivery device according to claim 1, ~~characterised~~ characterized by a sealing means adjacent the inlet end and outlet ends of the nutrient receiving chamber to enclose the nutrient source therein, the sealing means being permeable to water and dissolved nutrient.

11. (Currently amended) A nutrient delivery device in accordance with claim 10, ~~characterised~~ characterized in that the sealing means is a mesh disposed adjacent the first and second open ends of the nutrient receiving chamber.

12. (Currently amended) A nutrient delivery device according to claim 1, ~~characterised~~ characterized in that the nutrient source is in the form of a plurality of prills.